

## Author Index

---

- Agterof, W.G.M. 255  
Ananthapadmanabhan, K. 19  
Aronson, M.P. 199  
Arts, T.J.C. 149  
  
Babak, V.G. 279  
Beelen, T.P.M. 89  
Bisperink, C.G.J. 237  
Börner, M. 9  
Buijs, P.J. 29  
Buytenhek, C.J. 221  
  
Cazabat, A.M. 127  
Churaev, N.V. 9  
Cohen, R. 271  
  
Davis, J. 159  
de Vries, C.H.E. 221  
Dokter, W.H. 89  
  
Eckerman, C. 81  
Exerowa, D. 271  
  
Fornasiero, D. 37  
Frayse, N. 127  
  
Garrett, P.R. 159  
Goel, H. 69  
Groeneweg, F. 255  
Groot, R.D. 135  
  
Hettiarachchi, S. 19  
Hoekstra, L.L. 125  
  
Hsia, T.-H. 1  
  
Jacobasch, H.-J. 9  
Jaeger, Ph.T. 255  
Jain, M. 75  
Janssen, J.J.M. 255  
Jayaweera, P. 19  
Joos, P. 107, 119  
  
Kwaaitaal, Th. 149  
  
Lagus, O. 81  
Laven, J. 149  
Lee, D.-Y. 1  
Leermakers, F.A.M. 135  
Levinson, P. 127  
Lin, C.-F. 1  
Lo, S.-L. 1  
Lucassen, J. 211  
Lucassen-Reynders, E.H. 2  
Lyklema, J. 135  
  
Mao, M. 37  
Mehrotra, K.N. 75  
  
Nylund, J. 81  
  
Ocken, H. 19  
Olsthoorn, Th.M. 221  
  
Palatini, D.J. 199  
Petko, M.F. 199  
Prestidge, C.A. 51  
  
Prins, A. 237  
  
Ralston, J. 37, 51  
Ramsay, J.D.F. 89  
Rendall, H.M. 159  
Rodenas, E. 97  
Rummens, C.P.J. 89  
  
Schepers, F.J. 221  
Sdranis, Y.S. 135  
Sergeeva, I.P. 9  
Simon, F. 9  
Smart, R.St.C. 37, 51  
Sobieraj, S. 37  
Sobolev, V.D. 9  
Stein, H.N. 29  
  
Taylor P. 105  
Thiel, A.G. 51  
  
Valiente, M. 97  
Valignat, M.P. 127  
van de Pas, J.C. 221  
van der Knaap, E. 265  
van Garderen, H.F. 89  
van Santen, R.A. 89  
van Voorst Vader, F. 149  
Van Diemen, A.J.G. 29  
Van Uffelen, M. 107, 119  
Varma, R.P. 69  
Vreeker, R. 265

## Subject Index

---

- Adhesion, 279  
Adsorption, 1  
Adsorption isotherms, 127  
Adsorption kinetics, 107, 119  
Alkanes, 127  
Alkanols, 97  
Antifoam, 159
- Bubble growth, 237
- Carbonated liquids, 237  
Chromium soaps, 75  
Cluster-cluster aggregation, 265  
Coagulation, 279  
Coalescence, 255  
Computer simulation, 265  
Concentrated emulsions, 279  
Conductance, 69  
Contact angles, 135, 159  
Copper(II) activation, 51  
Corrosion, 19  
Critical micelle concentration, 69
- Decoupling, 221  
Deflocculation, 221  
Dewatering, 29  
Dilatation rate, 107  
Dispersion, 221  
Dissociation, 69
- EDAX, 1  
Electrochemical double layer, 9  
Electrokinetic measurements, 9  
Electroosmosis, 29  
Electrophoretic light scattering, 149  
Electrosurface properties, 271  
Emulsion stability, 135  
Energy dissipation, 211  
Ethyl xanthate adsorption, 51
- Film thickness, 271  
Flattened drops, 255  
Flocculation, 81  
Foam films, 271  
Freeze-thaw instability, 199  
FTIR, 1
- Gel transformation, 89
- High temperature zeta potential, 19  
Hydrothermal synthesis, 89  
Hydrous iron oxide, 1
- Interaction curve, 135  
Ionic character, 75
- Kinetic effect, 51
- Lamellar phase, 221  
Lattice theory, 135  
Linearly expanded surface, 119  
Liquid crystal, 221  
Liquid detergent, 221  
Lithium soaps, 69  
Low viscosity ratio, 255  
Lysophosphatidylcholine, 271
- Mechanical pulp suspension, 81  
Micellization, 69  
Mobile interfaces, 255  
Molar volume, 75
- Oil lenses, 159  
Olive oil, 149
- Particle gels, 265  
Peak tensiometry, 119  
Preadsorbed layers, 127  
Protective coatings, 19  
pH, 271
- Reverse micelles, 97  
Rheological behavior, 97  
Rheology, 279
- Sedimentation, 265  
Silica, 127  
Silicalite, 89  
Small-angle neutron scattering, 89  
Spectrophotometry, 75  
Streaming potential, 19  
Streaming potential measurements, 9

Surface charge, 37  
Surface dilatation, 107, 119  
Surface dilational viscosity, 211  
Surface forces, 135  
Surfactants, 97

Transmission electron microscopy, 81  
Triple layer site-binding model, 37  
Tristearoylglycerol, 149

Viscose fibres, 9  
Viscosity, 75

Water-in-oil emulsions, 199  
Waterworks sludge, 29

Zeta potentials, 37, 149  
Zinc sulphide surfaces, 51  
Zircon, 37